



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000054357** | Submit Date: **05/22/2018** | Call Sign: **KVOS-TV** | Facility ID: **35862** | FRN: **0027496082** |

State: **Washington** | City: **BELLINGHAM**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/31/2018** | Expiration Date: **11/30/2018** |

Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TV-49, INC. Doing Business As: TV-49, INC.	Norman H. Shapiro 26 N. HALSTED STREET CHICAGO, IL 60661 United States	+1 (312) 705- 2600	nshapiro@wciu. com	Corporation

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(1)

Contact Name	Address	Phone	Email	Contact Type
Ann Bobeck , Esq . <i>Counsel</i> Covington & Burling LLP	Ann Bobeck One City Center 850 Tenth Street, NW Washington, CA 20001 United States	+1 (202) 662-5719	abobeck@cov.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	35862	
State	Washington	
City	BELLINGHAM	
DTV Channel	35	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1251758
Coordinates (NAD83)	Latitude	48° 40' 49.4" N+
	Longitude	122° 50' 26.4" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	152.0 meters
	Support Structure Height	152.0 meters
	Ground Elevation (AMSL)	692.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	142.8 meters
	Height of Radiation Center Above Average Terrain	799 meters
	Height of Radiation Center Above Mean Sea Level	834.8 meters
	Effective Radiated Power	20 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	71323
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-31JTH-R O4SP
	Rotation	0 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.773	90	0.74	180	0.954	270	0.785
10	0.747	100	0.824	190	0.953	280	0.832
20	0.764	110	0.904	200	0.95	290	0.81
30	0.81	120	0.95	210	0.904	300	0.764
40	0.832	130	0.953	220	0.824	310	0.747
50	0.785	140	0.954	230	0.74	320	0.773
60	0.69	150	0.981	240	0.665	330	0.818
70	0.634	160	1	250	0.634	340	0.839
80	0.665	170	0.981	260	0.69	350	0.818

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Norman H Shapiro <i>Director, President, Secretary and Treasurer</i> 05/22/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
KVOS STA Request Exhibit.pdf	Applicant	All Purpose	Request for Special Temporary Authority